

# Notice of Allowability

Application No.

09/992,227

Examiner

Laura S Weiner

Applicant(s)

GAN ET AL.

Art Unit

1745

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11-13-03.
2. ☒ The allowed claim(s) is/are 1, 3-11 and 29-42.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |                                                                                                           |                                                                                              |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892)                                           | 5 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                   |
| 2 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>12172003</u> |
| 3 <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No. _____  | 7 <input checked="" type="checkbox"/> Examiner's Amendment/Comment                           |
| 4 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance                     |
|                                                                                                           | 9 <input type="checkbox"/> Other                                                             |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Scalise on December 18, 2003.

The application has been amended as follows:

29. An A positive electrode characterized as having been formed by a process consisting essentially of:

- a) positioning a first electrode cathode active material into a pressing fixture;
- b) positioning a current collector screen on top of the first electrode cathode active material, wherein the first electrode cathode active material is in a powder form having at least some particles sized to be able to move through at least one opening in the current collector screen;
- c) positioning a second electrode cathode active material on top of the current collector screen, thereby forming a first electrode cathode assembly, wherein the second electrode cathode active material is in a form incapable of moving through the at least one opening in the current collector screen; and
- d) pressing the first electrode cathode assembly from the direction of the second electrode cathode active material to the first electrode cathode active material to form the positive electrode.

30. The positive electrode of claim 29 having the configuration: silver vanadium oxide/current collector screen/silver vanadium oxide.

31. The positive electrode of claim 29 having the configuration: silver vanadium oxide/current collector screen/CF<sub>x</sub>.

32. The positive electrode of claim 29 further comprising the steps of:

- a) positioning a third ~~electrode~~ cathode active material on top of one of the first and the second ~~electrode~~ cathode active materials of the positive electrode in the pressing fixture, the third ~~electrode~~ cathode active material being a different ~~electrode~~ cathode active material than either of the first and the second ~~electrode~~ cathode active materials;
- b) positioning a second positive electrode comprising the first ~~electrode~~ cathode active material and the second ~~electrode~~ cathode active material contacted to opposed sides of a second current collector on top of the third ~~electrode~~ cathode active material in the pressing fixture to form a second ~~electrode~~ cathode assembly; and
- c) pressing the second ~~electrode~~ cathode assembly to form the positive electrode.

33. The positive electrode of claim 32 having the configuration: silver vanadium oxide/current collector screen/silver vanadium oxide/CF<sub>x</sub>/silver vanadium oxide/current collector screen/silver vanadium oxide.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura S Weiner whose telephone number is 703-308-4396. The examiner can normally be reached on M-F (7:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 703-308-2383. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.

A handwritten signature in black ink, appearing to read 'Laura S Weiner', is positioned above the printed name and title.

Laura S Weiner  
Primary Examiner  
Art Unit 1745

December 18, 2003